

Binks

ANNOUNCES

MODEL

Binks announces the new Model 69 Hand Spray Gun. Moderately priced, the new gun has many heavy duty features that make it ideal for the application of virtually all standard protective coatings. Recommended for the spraying of enamel, lacquer, synthetics, latex, acrylics, varnish, wrinkle, alkyd and oil. The Model 69 Gun, which replaces the former Binks 29 Gun, uses the same air and fluid nozzles as the Binks Models 18, 19, 29 and 62.



69

GUN

Binks Manufacturing Company everything for spray painting

3114-44 Carroll Ave., Chicago, Ill. 60612, Branches in all principal cities

- GUN BODY** Die cast aluminum with nickel plate.
- FLUID PASSAGE** Smooth brass to resist corrosion and allow fast easy cleaning.
- AIR PASSAGE** Large air passage to minimize pressure drop.
- TRIGGER** Full size, two finger trigger. Reinforced at wear points with hardened steel.
- NEEDLE VALVE** Hardened stainless steel needle. Adjustable to compensate for wear.
- AIR NOZZLE** Same high precision series as used on Binks best heavy production models.
- FLUID NOZZLE** Hardened steel, stainless steel available. See chart.
- AIR VALVE** Cartridge type air valve easily removed for inspection. Fast acting and positive sealing.
- SPRAY PATTERN** Adjustable from round to fan with full range of intermediate settings.
- CONTROLS** Large knurled knobs located at the back of the gun.
- CONNECTIONS** Fluid inlet - 3/8 NPS(M), air inlet 1/4 NPS(M).



MODEL 80-228



MODEL 81-560

Underbody Touch-Up Outfit
Ideal for body shops for under coating spot in work. Two quart capacity is ample for most jobs. Includes Model 69 Gun (59B x 250 nozzle set-up) and 80-213 Pressure Feed Cup. Model 98-739 Underbody Touch-Up Outfit. Shipping Wt. 3-3/4 lbs.

One Quart Clamp Type Cup
81-500 Siphon Cup, 3/8 NPS(F). Shipping Wt. 8 oz.

One Quart Metal Screw Type Cup
81-560 Siphon Cup, 3/8 NPS(F). Shipping Wt. 1 lb.

Steady-Grip Paint Cup
2 Quart #80-228 cup with fluid regulator and gauge, carrying handle.

1 Quart #80-229 pressure cup with fluid regulator and gauge, carrying handle.

Hose for Steady-Grip Paint Cup
71-1113 - 55' Air Hose 1/4"
71-2051 - 5' Fluid Hose 1/4"

Quick-Change Side Port Control
Quick and easy method to change from a wide to a narrow pattern, or in between, without losing the original adjustment on the gun. Model 54-1781 Side Port Control for the Model 69 Spray Gun. Shipping Wt. 2 oz.

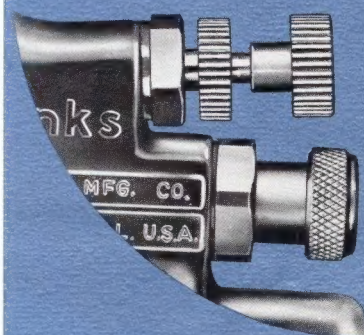


MODEL 69 GUN W/81-500 1 QT.
SIPHON CUP



MODEL 98-739 UNDERBODY
TOUCH-UP OUTFIT

PUSH IN TO DECREASE PATTERN
PULL OUT TO INCREASE PATTERN



QUICK-CHANGE SIDE PORT
CONTROL

NOZZLE AND NEEDLE SELECTION CHART

HOW TO USE THE CHART

The nozzles listed in this chart are those most commonly used. However, many more combinations are available on request. Most fluid nozzles are available in stainless steel. To order, add SS to nozzle number, i.e. 63 CSS.

Series 200 and 100 internal mix nozzles are of nitralloy and tungsten carbide, respectively. When spraying abrasive fluids use the 100 series.

Type* (3rd Column): PE-Pressure Feed/External Mix
SE-Siphon Feed /External Mix
PI -Pressure Feed/Internal Mix

A. Material to be Sprayed

Select the type of fluid you want to spray or a fluid which has the same characteristics as one of those listed.

B. Method of Feeding Material to the Gun

Fluid Nozzle – Consider the speed of application and the viscosity of the fluid to be sprayed. Referring to the Fluid Nozzle Orifice Size Chart, those fluid nozzles which can be changed within an air nozzle are indicated.

Air Nozzle – Choice is determined by the type of fluid to be sprayed and the volume of air available for the gun.

– External Mix Nozzles, which are generally used, accomplish atomization outside the nozzle. Spray patterns are adjustable from round to fan with all intermediate patterns.

Siphon Type External Mix Nozzles – designated by the letter “S”, will siphon the material from a cup. Used generally for refinishing and touch-up work which does not require large quantities of paint.

Pressure Type External Mix Nozzles – designated by the letter “P”, require pressure to feed the material to the nozzle. A pressure cup, pressure tank or pump is necessary. Used for production work and where large quantities of fluid are handled. This type of nozzle has a greater range of fluid flow and does not limit the size of the paint container.

– Internal Mix Nozzles mix the air and fluid within the air nozzle. The spray pattern is determined by the shape of the nozzle and cannot be changed. Internal mix nozzles require less air and produce slightly less fog. Pressure equipment must be used with this type of nozzle. Recommended for maintenance spraying of heavy materials where a fine finish is not required.

C. Volume of Air (CFM required)

The cubic feet per minute (CFM) listed at 30, 50 and 70 PSI is the actual air used by the air nozzle. Increase of pressure subsequently increases volume of air required by air nozzle, or vice versa. Assume that a compressor will produce 3-5 CFM per horsepower.

NOTE: The greater the air consumption, the faster the fluid may be applied or the finer a given amount of fluid can be atomized.

NOTE: All standard needles are hardened stainless steel.

TYPE OF FLUID TO BE SPRAYED	FLUID NOZZLE	AIR NOZZLE	TYPE *	CFM @			MAX. PAT. @ 8"	FLUID NEEDLE NO.
				30 PSI	50 PSI	70 PSI		
THIN								
14 – 20 SECS. – NO. 2 ZAHN SEALERS, STAINS, LACQUERS, INKS, PRIMERS, DYES, ACRYLICS, LUBRICANTS, ZINC CHROMATE	66	66S	SE	3.4	5.0		9.0"	565
	66	66SA	SE	4.4	7.1		10.0"	565
	66	66SE	SE	7.7	11.2		10.0"	565
	66	66SD	SE	7.9	12.1		10.5"	565
	63A	63P	PE	5.1	8.7	12.2	11.0"	563A
	63B	63PB	PE	9.0	14.3	20.0	14.0"	563A
MEDIUM								
19 – 30 SECS. – NO. 2 ZAHN LACQUERS, PRIMERS, SYN. ENAMELS, HAMMERS VARNISHES, LUBRICANTS, ACRYLICS, WAX EMULSIONS, FILLERS	66	66SA	SE	4.4	7.1		10.0"	565
	66	66SE	SE	7.7	11.2		10.0"	565
	66	66SD	SE	7.9	12.0		11.0"	565
	63C	63PG	PE	4.0	6.2	9.2	12.0"	563A
	63B	63P	PE	5.1	8.7	12.2	11.0"	563A
	63C	63PB	PE	9.0	14.3	20.0	14.0"	563A

TYPE OF FLUID TO BE SPRAYED	FLUID NOZZLE	AIR NOZZLE	TYPE *	CFM @			MAX. PAT. @ 8"	FLUID NEEDLE NO.
				30 PSI	50 PSI	70 PSI		
HEAVY (CREAM-LIKE)								
OVER 28 SECS. - NO. 4 FORD HOUSE PAINT, VINYLs, WALL PAINT, (OIL, LATEX), BLOCK SEALERS, ACRYLICS, MILL WHITES	66	66PA	PE	7.5	10.8	14.8	9.0"	565
	67	67PB	PE	9.5	14.9	19.5	12.0"	567
	68	68PB	PE	9.5	14.1	19.1	12.0"	568
	66	104 or 204	PI	3.9	5.5	7.4	9.0"	565
	67	106 or 206	PI	6.0	9.5	13.0	15.0"	567
	68	101 or 201	PI	4.6	6.8	9.1	11.0"	568
VERY HEAVY								
BLOCK FILLERS, TEXTURED COATING. FIRE RETARDANTS, BITUMASTICS, PLASTISOLS, UNDERCOATING	68	68PB	PE	9.5	14.1	19.1	12.0"	568
	68	106	PI	6.2	9.8	13.2	15.0"	568
	59A	240	PI	4.1	6.0	8.2	Rd.	559
	59A	241	PI	4.1	6.0	8.2	12.0"	559
	59B	250	PI	7.3	11.0	14.7	Rd.	559
	59B	251	PI	7.8	11.5	15.2	12.0"	559
LINE MARKING								
	66	208	PI	2.2	3.4	4.5	6.0"	565
	59A	242	PI	4.1	6.0	8.2	6.0"	559
	59B	252	PI	7.8	11.5	15.2	6.0"	559
ABRASIVE MATERIALS								
	64VT	64PA	PE	12.1	15.0	21.0	13.0"	564VT
	67VT	67PD	PE	10.0	15.0	20.0	15.0"	567VT
MULTICOLOR PAINTS								
	66	100 or 200	PI	3.1	5.2		12.0"	565
	67	106 or 206	PI	6.0	9.5		15.0"	567
SPECIAL EFFECT FINISHES								
VEILING..... DISTRESS FINISH..... SPATTER FINISH.....	794	793	PE	3 @ 15 PSI				590
	794	797	PE	3 @ 15 PSI				590
	66	66PD	PE	3 @ 15 PSI				565

FLUID NOZZLE ORIFICE SIZES

+	+	+	+			+	+										
63	63A	63B	63C	63CVT	64VT	65	66	67	67A	67VT	68	68VT	59A	59B	59C	794	
.028	.040	.046	.052	.064	.064	.059	.070	.086	.086	.086	.110	.110	.171	.218	.281	.040	

All air nozzles shown with any one of these (+) fluid nozzles can be used with all of these (+) fluid nozzles.